

6 with respect to each of said parcels, determining a plurality of sub-areas each of
7 which encompasses some of the geographic features represented by the data entities
8 contained in said parcel; and

9 storing a first index identifying with respect to each of the data entities
10 contained in said parcel each of said sub-areas intersected by the geographic feature
11 represented thereby.

12

1 12. (Amended) A method of using a navigable map database with a
2 navigation system, wherein the navigable map database is comprised of a plurality of
3 parcels, wherein each of said parcels contains data entities that represent features
4 encompassed within a separate rectangular area within a geographic region, wherein the
5 rectangular area associated with each parcel is distinct from the rectangular area
6 associated with each other parcel of the plurality of parcels, comprising the steps of:
7 identifying a search area in a geographic region;
8 identifying each of said parcels whose data entities represent features that are
9 encompassed by a rectangular area that intersects said search area;
10 using a first index associated with each of said parcels to identify each sub-
11 rectangle of a plurality of sub-rectangles that intersects said search area, wherein said
12 plurality of sub-rectangles are of the rectangular area that encompasses the features
13 represented by the data entities of the parcel; and
14 using a second index associated with each of said parcels to identify which of said
15 data entities contained in each of said parcels intersects each sub-rectangle of the
16 plurality of sub-rectangles identified by using the first index associated with the parcel.

REMARKS

This is in response to the Office Action, dated July 6, 2000. Reconsideration of the present application is respectfully requested.